

Special Edition

Happenings at the Science Advisory Board

January 19, 2001

Dr. William H. Glaze

SAB Executive Committee Chair

In one of her closing acts as Administrator of the US Environmental Protection Agency, Ms. Carol Browner has appointed Dr. William Glaze of the University of North Carolina at Chapel Hill (UNC-CH) to serve as the Chair of the USEPA Science Advisory Board (SAB). As SAB Chair, Dr. Glaze will oversee the work of more than 100 non-government scientists, engineers, and economists from across the country who provide the Agency and Congress with independent advice on the technical aspects of environmental problems confronting the country. Established by Congress in 1978, the SAB conducts most of its work through its 10 active Committees, which in a typical year hold 50 public meetings and generate 30 reports.



Dr. Glaze currently serves as the Director of the innovative, pan-university Carolina Environmental Program at UNC, where he holds the title of Professor of Environmental Sciences & Engineering in the School of Public Health. He held the post of Chair of that department, which is the largest and oldest such department in the country, until he assumed his new position in the Office of the President of the University in 1998. High on his list of extra-university professional activities is his 13-year editorship of *Environmental Science & Technology*, one of the leading magazines/journals in the field.

In the course of directing over 50 graduate and post-doctoral students, he has authored more than 140 publications in the scientific literature, addressing topics in organometallic, analytical, and polymer chemistry; environmental engineering; and environmental science. His recent research has focused on ozone and advanced oxidation processes for water and wastewater treatment.

Dr. Glaze has also contributed to the field through service on other prestigious advisory committees, such as the National Academy of Science's Committee on Drinking Water Activities (which evaluated sources and potential risks associated with impurities in water treatment chemicals) and the Department of Energy's Environmental Management Science Committee.

Dr. Glaze has already enjoyed an extensive history with the SAB, a career that began in 1982 when he became a Consultant to the Environmental Engineering Committee (EEC). Shortly thereafter, he joined the ranks of the Members of the EEC. In 1989, he became the first chair of the SAB's Drinking Water Committee (DWC). During his tenure, the DWC addressed a number of high profile issues, including making recommendations for research in the area of disinfectants and disinfection by-products. Having stepped down from SAB in 1991, he returned in 1996 to serve 2 more years as an at-large Member of the Executive Committee.

He has also been involved in several initiatives related to sustainable environmental management and policy, including: the development of the Green Chemistry Institute of the American Chemical Society, drinking water and wastewater infrastructure, future developments to minimize the impact of the automobile, and alternatives to command-and-control regulatory policy. Increasingly, he has taken the position that human civilization and the natural world are inextricably interdependent, that we must develop a new formula for a sustainable society, and that the approach to this new formula must be global, inclusive of all people, interdisciplinary, built on innovative technologies, and

ultimately guided by high moral values.

Dr. Glaze received a Bachelor of Science degree from Southwestern University and both an MS degree (in physical/ polymer chemistry) and a PhD (in physical chemistry) from the University of Wisconsin at Madison. Before arriving at UNC-CH, he held positions at University of California at Los Angeles, University of Texas at Dallas, and the University of North Texas.